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*Fig. 1A*

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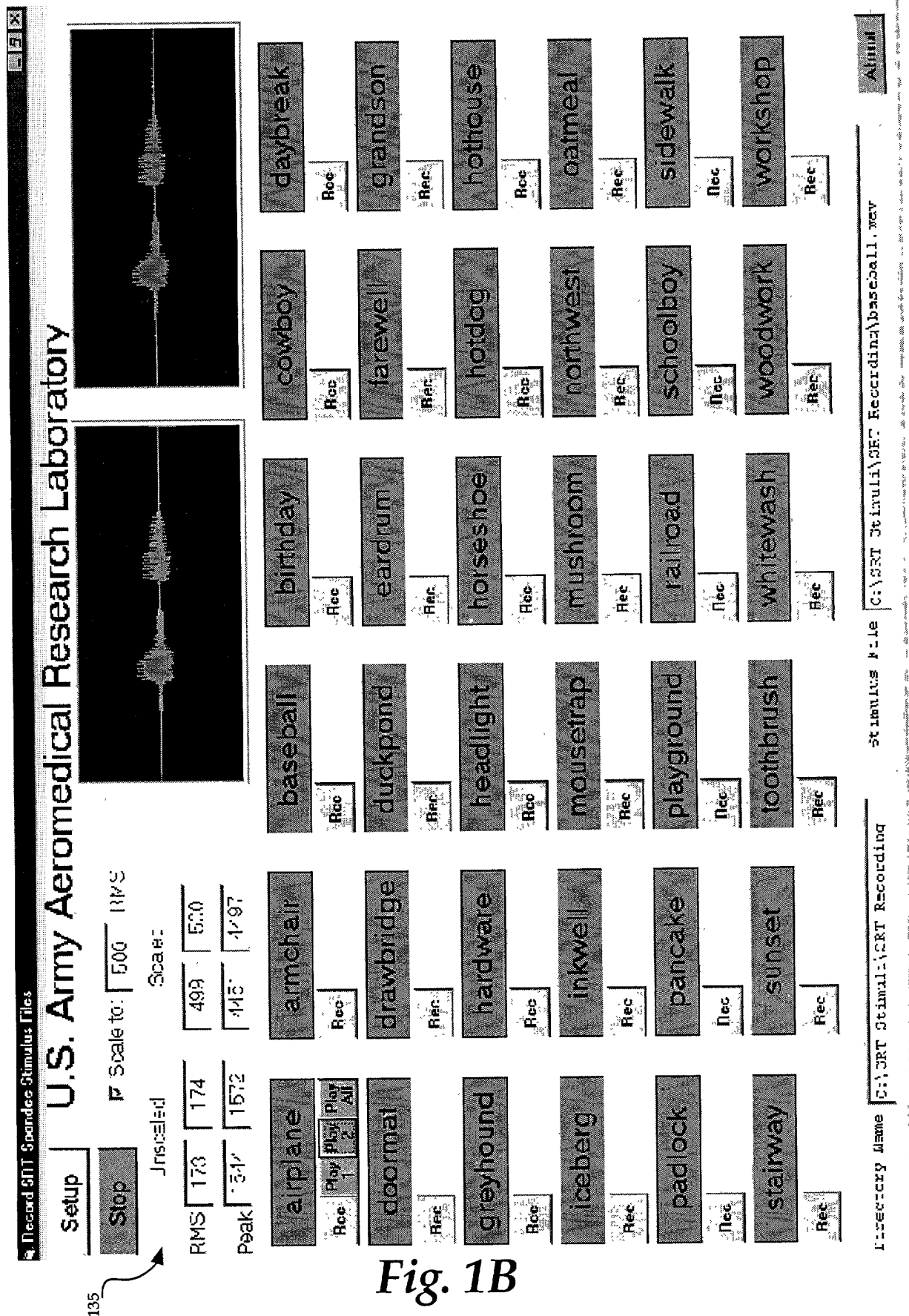
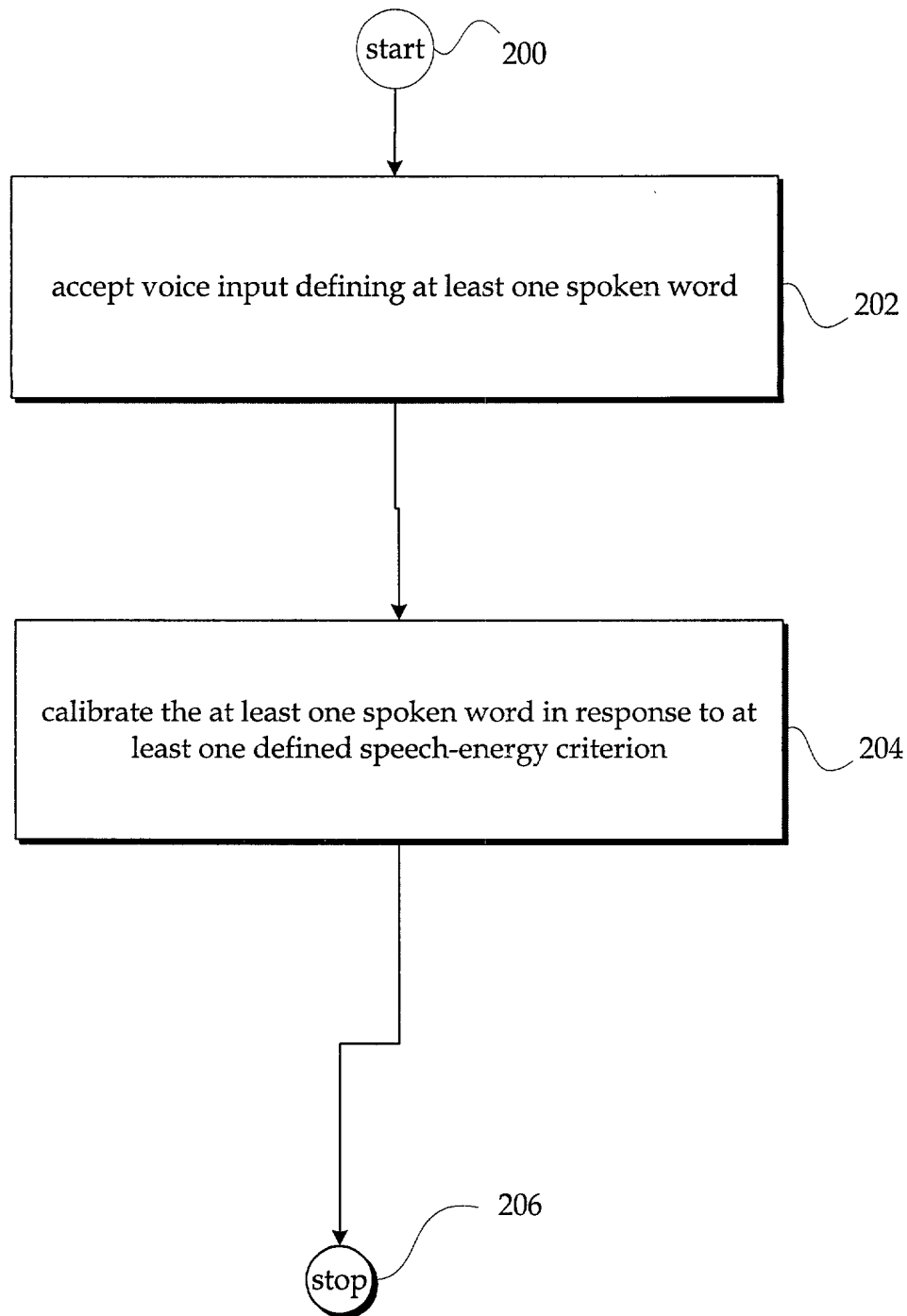


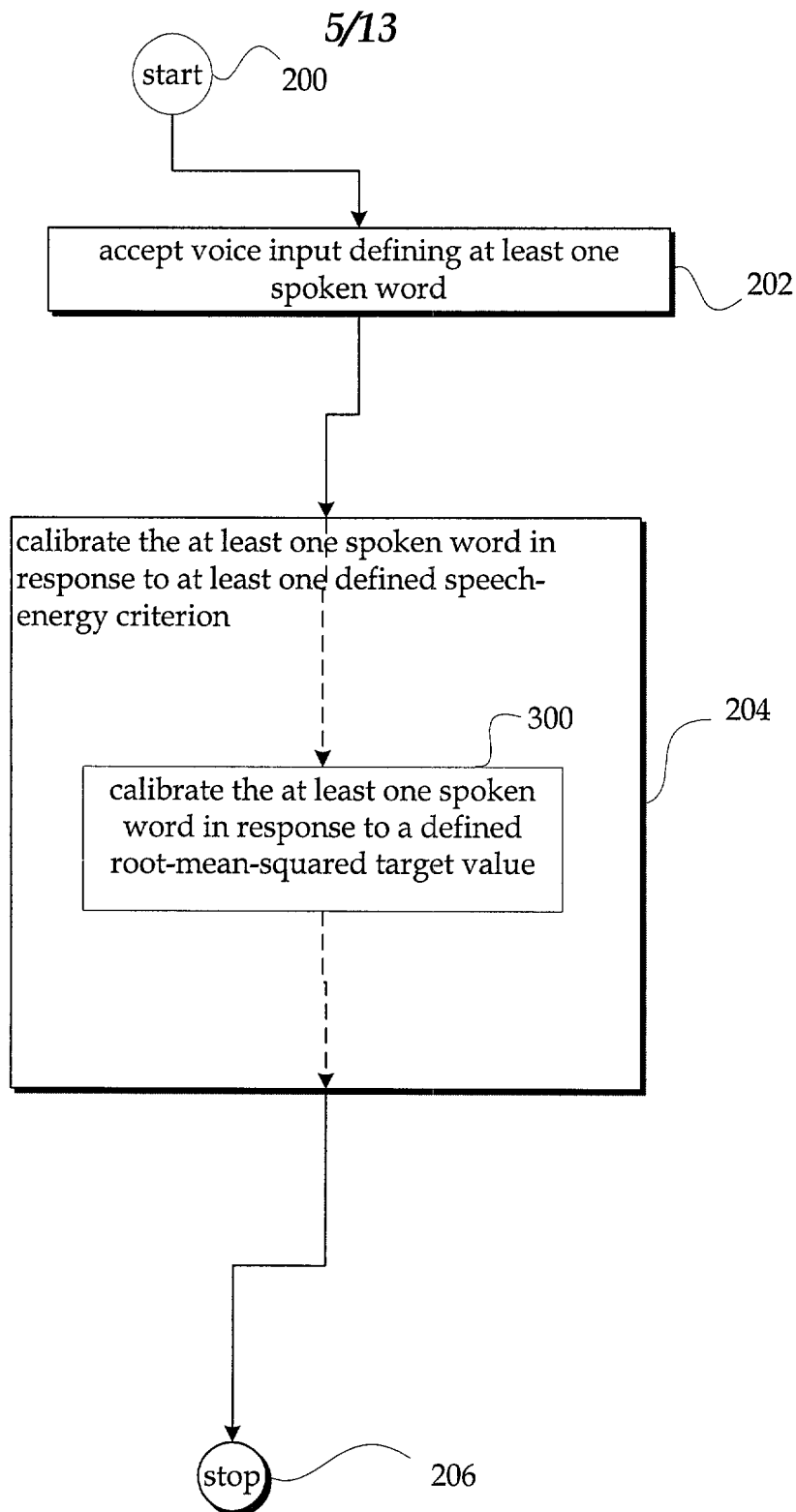
Fig. 1B



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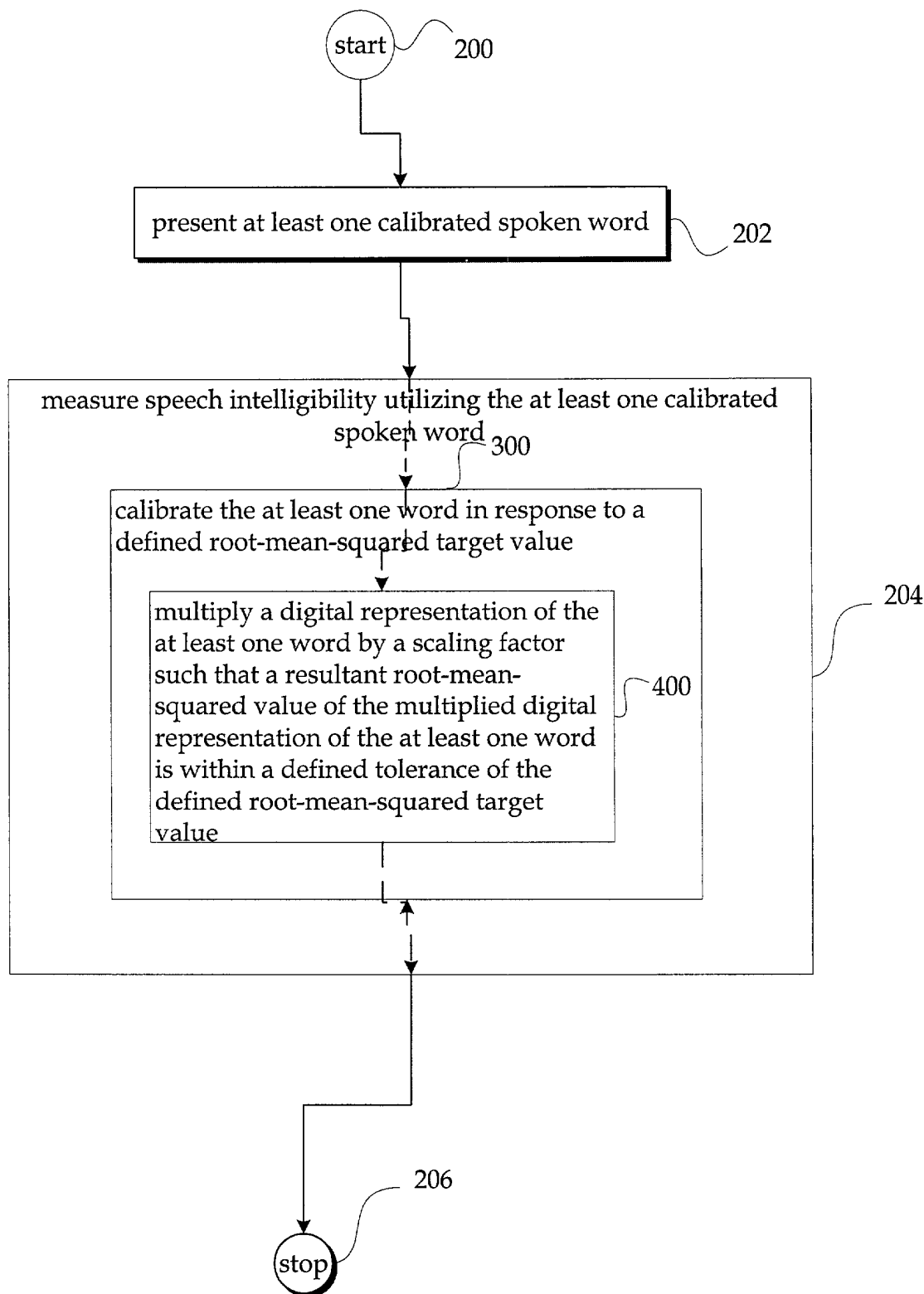


*Fig. 2*



*Fig. 3*

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*Fig. 4*

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Example of Calculation and  
Creation of Scaled  
Waveform

Assumed Target RMS Value = 500.

Assumed Tolerance Values = +/- 1% of Target RMS Value  
(i.e.,  $495 < \text{Calculated RMS} < 505$ ).

Assumed Measured Waveform Values = 0, 234, 0, -134, 0.

Squared Waveform Values = 0, 54756, 0, 17956, 0

Sum of Squared Waveform Values = 72712.

Calculated RMS = Square Root of Sum of Squared Waveform Values

Calculated RMS = 269.6516.

Calculate Scaling Factor Since Calculated RMS  
is Not Within Defined Tolerance = Target RMS Value/Calculated RMS =  $500/269.6516$   
= 1.854244

Scaled Assumed Measured Waveform Values = Target Values \* Scaling Factor =  
Creation of Scaled Waveform = 433.8932, 234, 0, -248.469, 0.

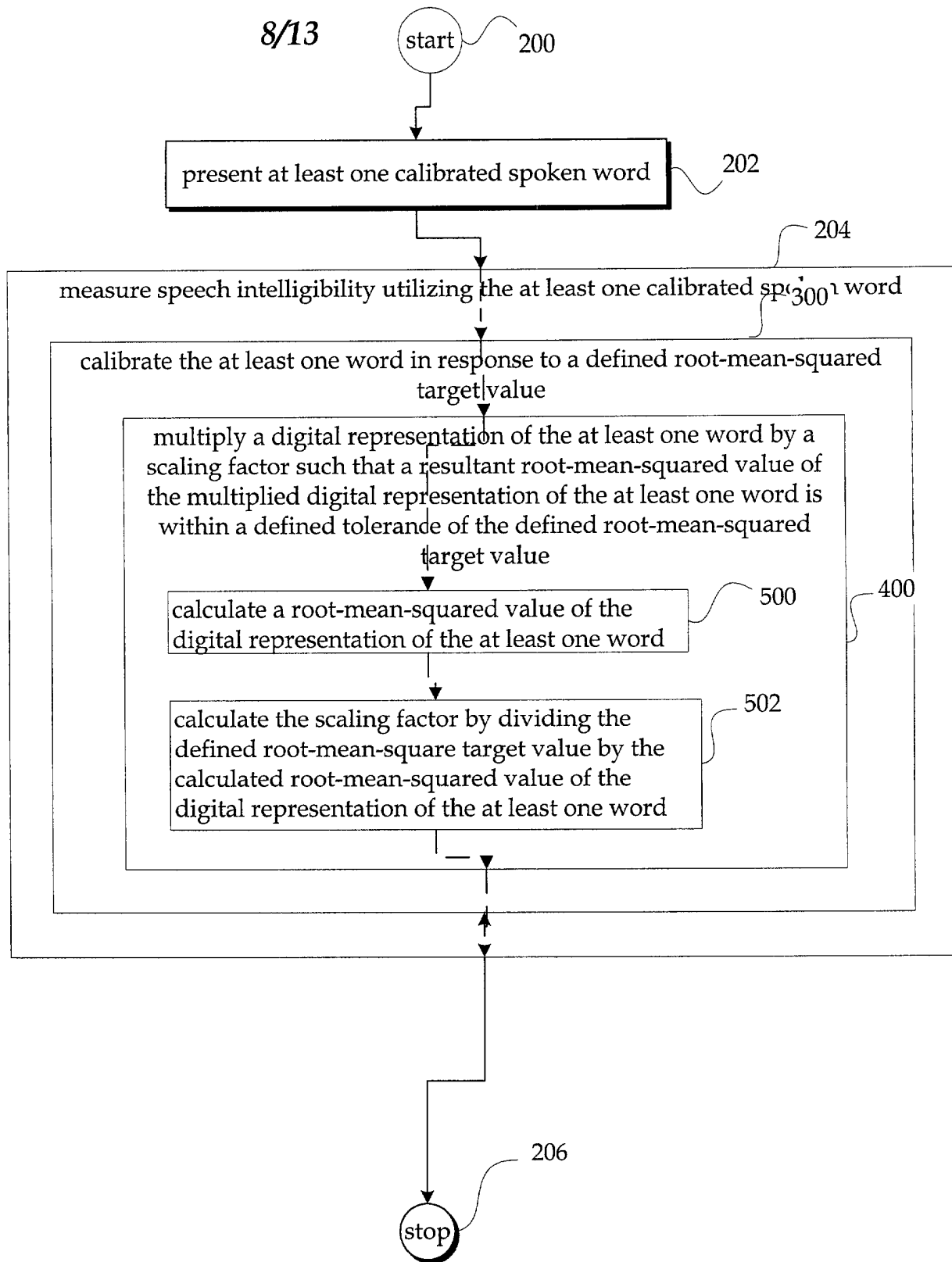
Check That Scaled Waveform Values Within Tolerance:

Squared Scaled Waveform Values = 188263.3, 0, 61736.71, 0.

Sum of Squared Scaled Waveform Values = 250000.

Calculated RMS of Scaled Values = 500, which is within defined defined tolerance  
values about the target RMS value.

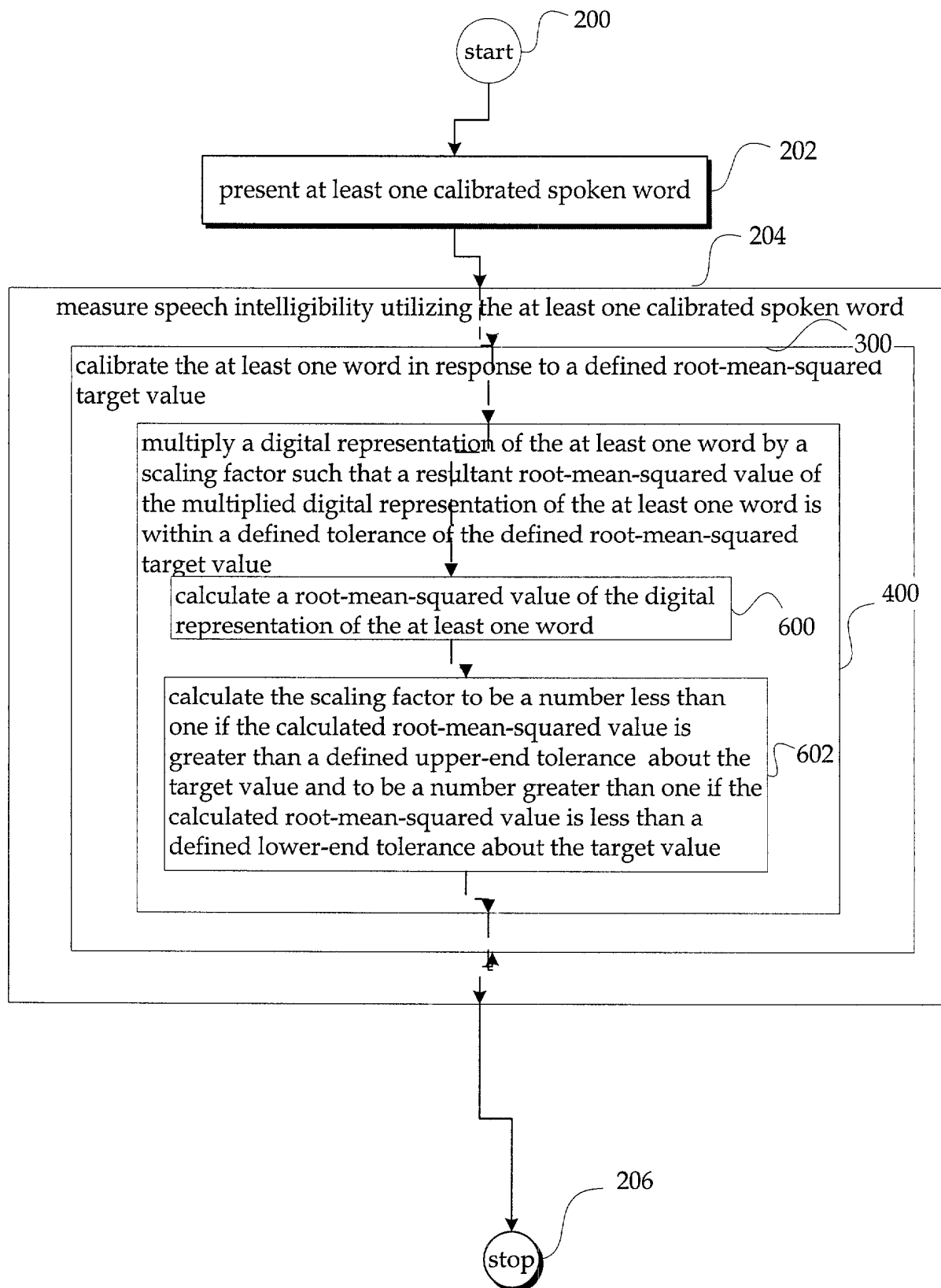
**Fig. 11**



*Fig. 5*



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*Fig. 6*

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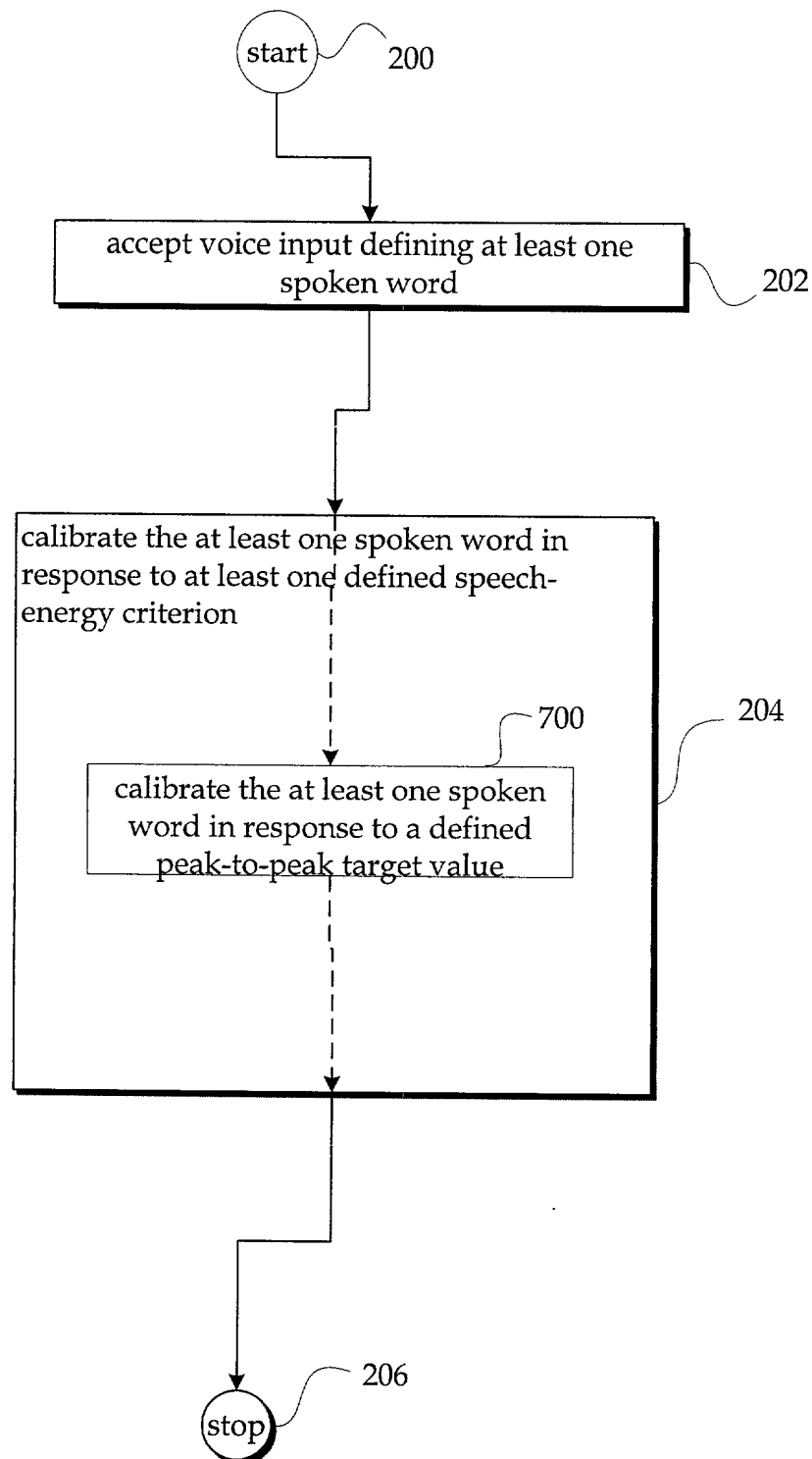
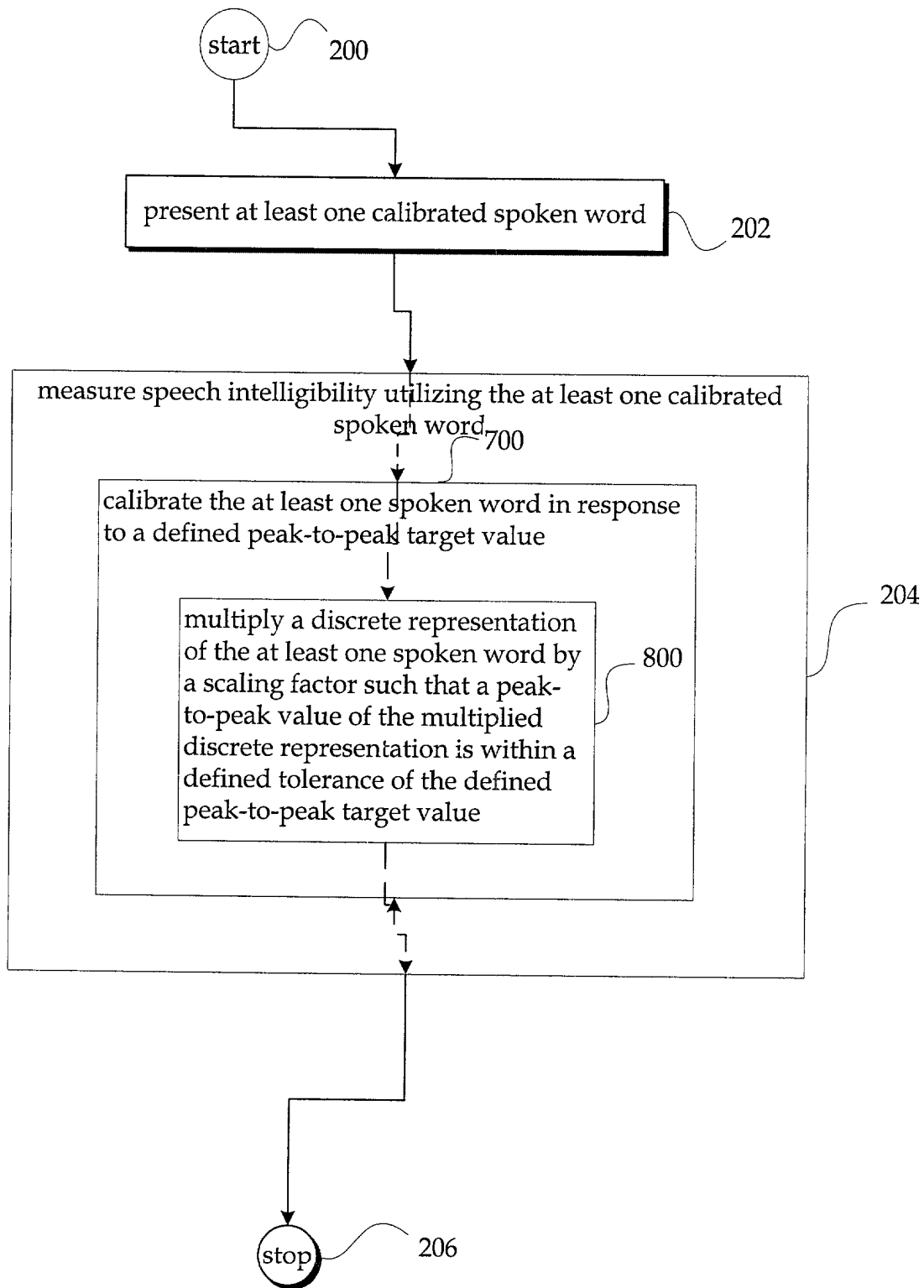


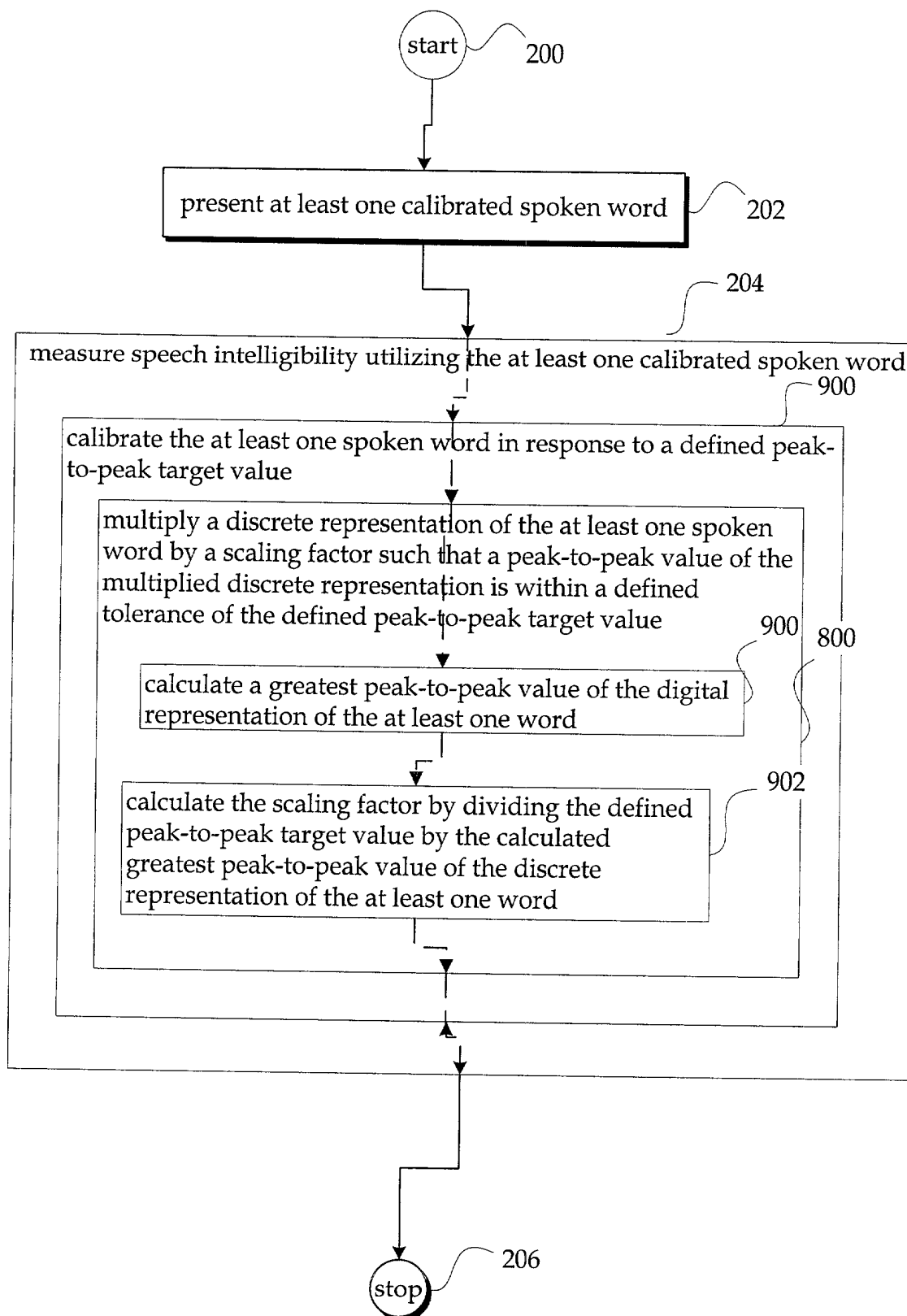
Fig. 7

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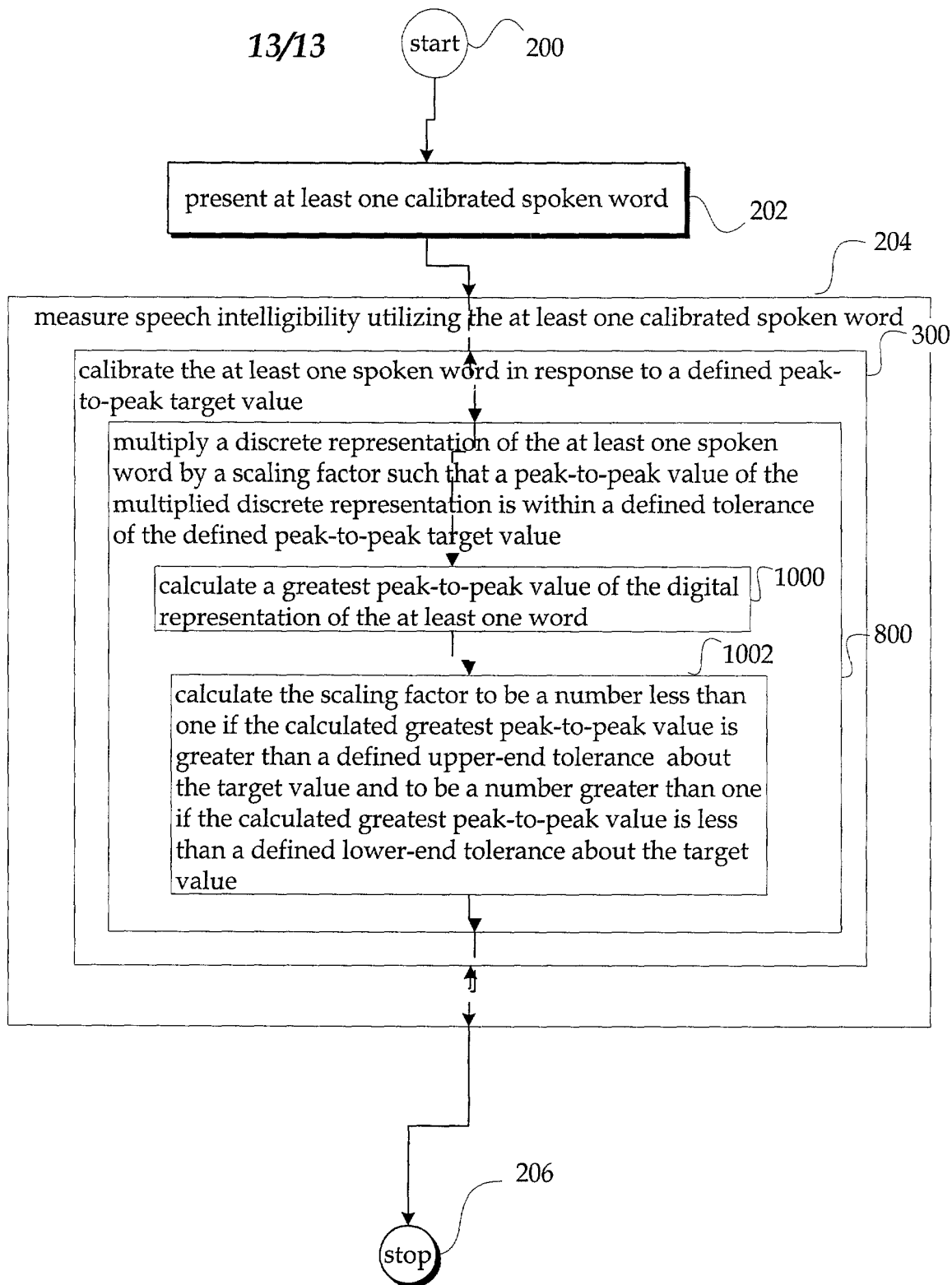


*Fig. 8*

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*Fig. 9*



**Fig. 10**